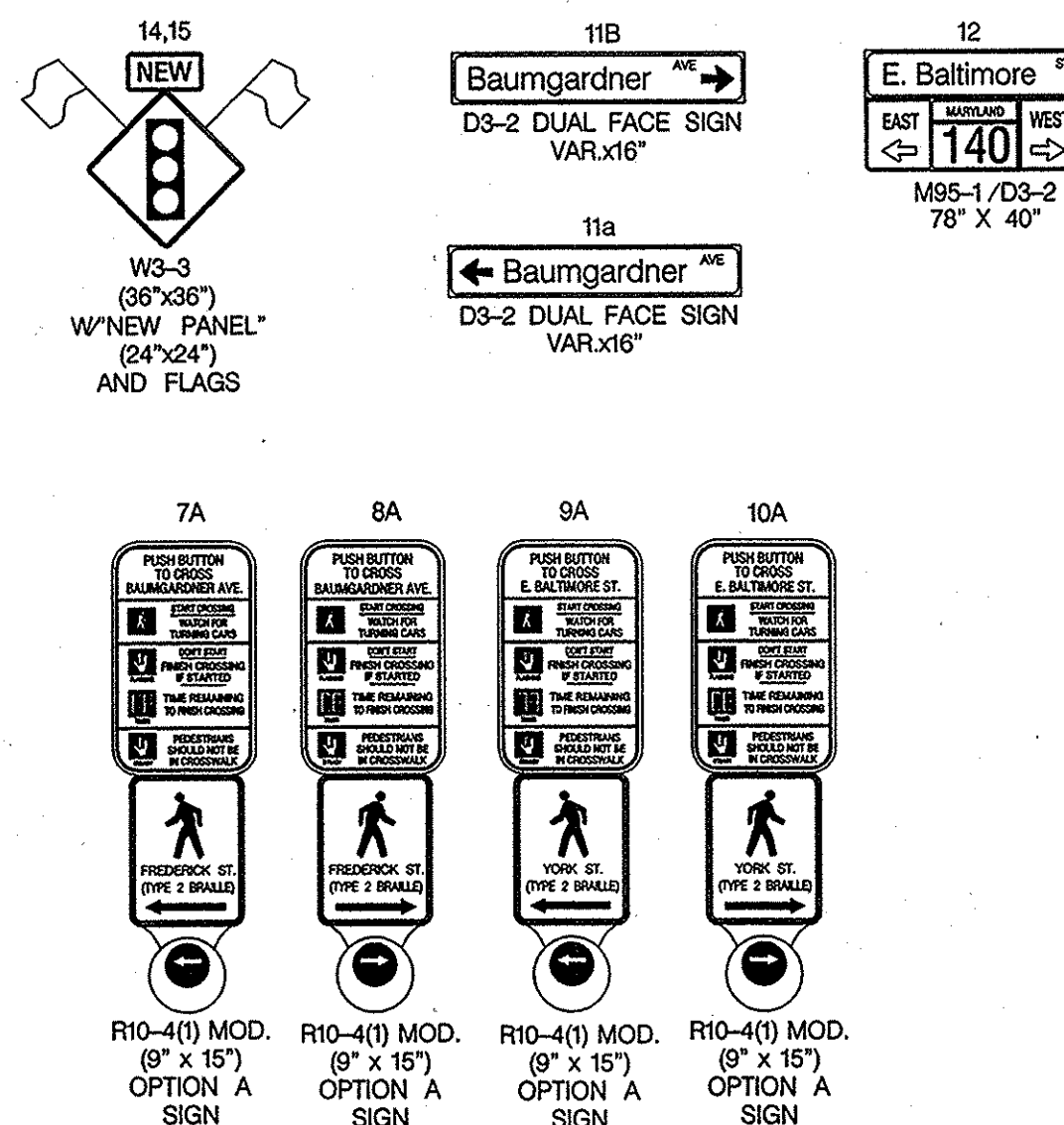
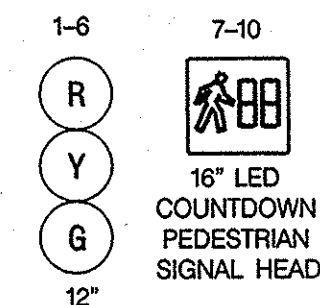


MD 140 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

PROPOSED SIGNS



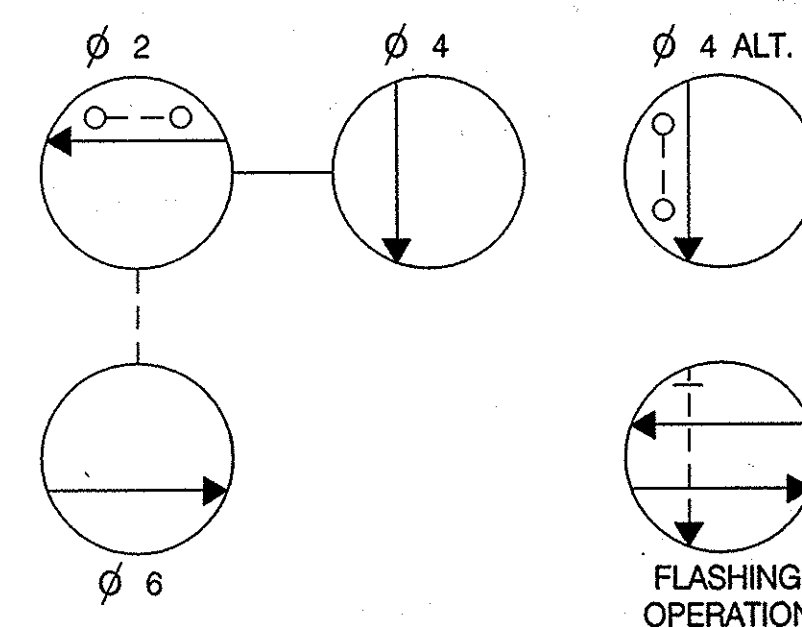
PROPOSED SIGNALS



PROPOSED VIDEO
DETECTION CAMERA

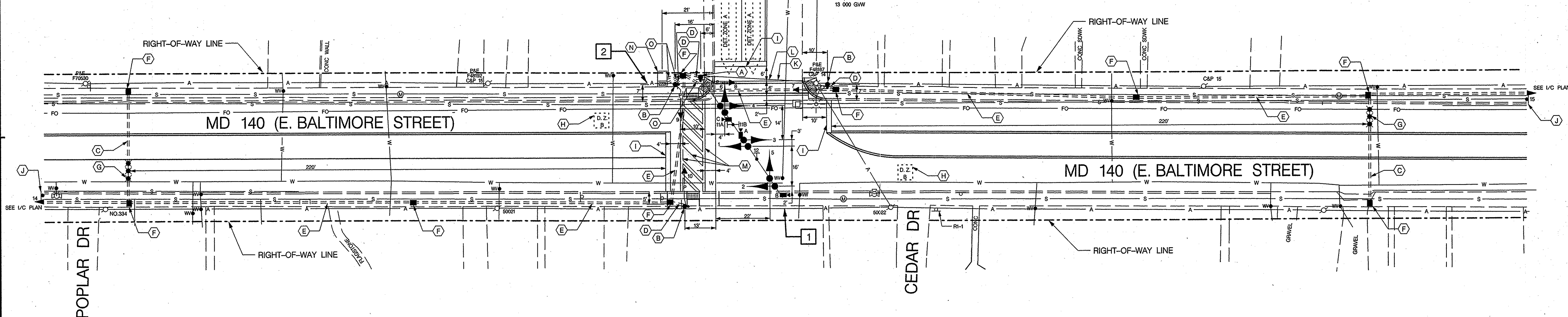


NEMA PHASING



PHASING NOTES:

- 1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- CONSTRUCTION DETAILS
- A. INSTALL 16.5 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, WITH A 15 FT. "T" DIMENSION, VIDEO DETECTION CAMERAS, SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - B. INSTALL 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
 - C. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED
 - D. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
 - E. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED
 - F. INSTALL HANDHOLE
 - G. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
 - H. VIDEO DETECTION ZONE
 - I. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
 - J. INSTALL W3-3 SIGN AND "NEW" PANEL WITH FLAGS ON TWO 4 IN. X 4 IN. WOOD SUPPORTS 300 FT. PRIOR TO THE INTERSECTION
 - K. PROPOSED ELECTRIC SERVICE
 - L. PROPOSED TELEPHONE SERVICE
 - M. INSTALL 12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
 - N. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ELECTRIC SERVICE UTILITY EQUIPMENT AND ALL NECESSARY EQUIPMENT (NOTE: INSTALL 2-4 IN. AND 2-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - O. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE _____ A _____
ELECTRICAL _____ E _____
TELEPHONE _____ T _____
GAS _____ G _____
SEWER _____ S _____
WATER _____ W _____
CABLE TV _____ TV _____

UTILITY HEIGHTS

1 TELEPHONE = 16' - 8"
TELEPHONE = 23' - 11"
PRIMARY = > 32' - 0"

2 TELEPHONE = 16' - 5"
TELEPHONE = 17' - 2"

GENERAL NOTES

- 1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.**
- 2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, AND MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.**
- 3. THE RELOCATION OF SIGNAL HEADS MAY BE REQUIRED DURING THE MAINTENANCE OF TRAFFIC. ADEQUATE ELECTRICAL CABLE SHALL BE PROVIDED TO FACILITATE THESE RELOCATIONS.**
- 4. PUSHBUTTONS ARE TO BE LOCATED ADJACENT TO A LEVEL (<1:48) LANDING (32" X 54") ALONG THE PEDESTRIAN ACCESS ROUTE LEADING TO THE CROSSWALK.**
- 5. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD. SEE 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE." IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, AND APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.**

TRAFFIC **C**ONCEPTS, INC.
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FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS		REVISIONS		TANEYTOWN, MARYLAND			
[Signature] TEAM LEADER [Signature] ASST. DIV. CHIEF [Signature] DIVISION CHIEF [Signature]				SCALE 1" = 20' DATE 11-03-06 CONTRACT NO. CL 6955184			
				DESIGNED BY T. ZAYDEL COUNTY CARROLL DRAWN BY T. ZAYDEL LOGMILE 06.04020.28 CHECKED BY K. SCHMID T.I.M.S. NO. H545 F.A.P. NO. TOD NO.			
[Signature] SPECIAL INSPECTOR				DRAWING NO. Ts 4547 SHEET NO. OF			

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 140 (E. BALTIMORE ST.)
AND BAUMGARDNER AVE.
TANEYTOWN, MARYLAND

SCALE 1" = 20' DATE 11-03-06 CONTRACT NO. CL 6955184

DESIGNED BY	<u>T. ZAYDEL</u>	COUNTY	<u>CARROLL</u>
DRAWN BY	<u>T. ZAYDEL</u>	LOGMILE	<u>0604020.78</u>
CHECKED BY	<u>K. SCHMID</u>	T.I.M.S. NO.	<u>H545</u>
F.A.P. NO.	<u> </u>	TOD NO.	<u> </u>

DRAWING NO. Ts 4547	SHEET NO. _____ OF _____
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